

DAE
#10



PATENT
Docket No.: ST01013USU (102-US-U1)
09/920,898

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JAN 13 2004

OFFICE OF PETITIONS

APPLICANT: McConnell et al. OLD DOCKET NO.: SIRF.102USU1

NEW DOCKET NO.: ST01013USU (102-US-U1)

SERIAL NO.: 09/920,898

GROUP ART UNIT: 3662

DATE FILED: August 2, 2001

EXAMINER: Blum, Theodore M.

CONFIRMATION NO.: 9850

TITLE: METHOD AND APPARATUS FOR REDUCING GPS
RECEIVER JAMMING DURING TRANSMISSION IN A WIRELESS
RECEIVER

Certificate of Mailing

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 7, 2004.

Jeffrey C. Wilk
Jeffrey C. Wilk

January 7, 2003

Attention: Office of Petitions
Assistant Commissioner for Patents
Box DAC
Washington, D.C. 20231

Sir:

CHANGE OF ATTORNEY DOCKET NUMBER

The Attorney Docket's Number has been changed from the old docket number:
"SIRF.102USU1" to the new Attorney Docket Number "ST01013USU (102-US-U1)".

#11

AMENDMENT UNDER 37 CFR 1.111

This is responsive to the Office Action dated October 17, 2002, for which the absolute deadline for reply expired on April 17, 2003. Applicants also submit herewith a Petition to Revive Abandoned Application under 37 CFR 1.137(b). Favorable consideration is respectfully requested in view of the following Amendments and Remarks.

IN THE DRAWINGS

Please enter the Replacement Sheets for Figures 1 and 2, attached hereto. Amendments have been made to Figures 1 and 2, as discussed herein below.

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning on page 3, lines 2-11, which begins with the phrase "To minimize the limitations in the prior art," with the following rewritten paragraph:

- - To minimize the limitations in the prior art, and to minimize other limitations that will become apparent upon reading and understanding the present specification, the present invention discloses a method and apparatus for minimizing the interference between wireless transmissions and the proximate or co-located GPS receiver. By feedforward of a phase and amplitude adjusted version of the transmitted signal and combining said signal with the composite signal at the input of the GPS receiver, the GPS receiver sensitivity degradation is reduced or eliminated in the case of perfect cancellation, and the GPS receiver is not jammed by the wireless transmissions. Further, a single antenna can be used for GPS reception and wireless transmission

A1